

# EMERGENCY MEDICAL TECHNICIAN PARAMEDIC

## Course Description & Entrance Requirements:

South Carolina follows the current 1999 United States Department of Transportation (DOT) / National Highway Traffic Safety Administration (NHTSA) curriculum for EMT-Paramedic.

All candidates must successfully complete a state-approved Anatomy & Physiology course in order to continue in the program

### Anatomy & Physiology

The Anatomy & Physiology Course is a **Apre-requisite** to the Paramedic course and is a minimum of 45 hours in length with no required lab. All of the objectives in the National Standard Curriculum will be met.

### Exempting the A&P Course

Any candidate that has a passing score in an A&P course ,which meets or exceeds the objectives of the National Standard Curriculum, taught at a Technical School, College or University, may exempt this pre-requisite.

If the candidate=s A&P course completion is more than three (3) years prior to the start date of the Paramedic course, that candidate must pass the comprehensive final A&P examination as administered by the training agency in order to exempt the A&P portion of the course. Only one (1) testing attempt shall be allowed.

### Minimum Course Hours

The course consists of a minimum of 1000 hours divided as follows:

Classroom instruction: **349 didactic** hours and **147 practical** hours

Field Competency, Internship / Evaluation: **260** hours

Clinical Rotations: **244** hours

- ☐ Class content (**minimum hours**) consist of nine modules as listed below.

Module	Didactic	Practical	Total
<b>Anatomy &amp; Physiology (Pre-requisite)</b> Satisfactory Completion is required to continue in course.	<b>45</b>	<b>0</b>	<b>45</b>
Preparatory	45	10	55
Airway / Ventilation	12	10	22
Patient Assessment	18	15	33

Module	Didactic	Practical	Total
<i>The above modules must be successfully completed in order to continue in the course.</i>			
Trauma	32	22	54
Medical <i>(Includes LMA, RSI &amp; 12 Lead ECG)</i>	110	34	144
Special Considerations	38	16	54
Assessment Based Management	4	4	8
Operations	16	24	40
<b>Miscellaneous / Review</b>	<b>29</b>	<b>12</b>	<b>41</b>
<b>TOTAL MINIMUM HOURS</b>	<b>349</b>	<b>147</b>	<b>496</b>

☐ Modular Format

The classes are taught in modules as listed above. **The first three (3) modules after the pre-requisite A&P course, must be successfully completed before the student can attend any of the other modules.**

Successful completion of a module will be good for three (3) years from the completion date of that module.

☐ Field Competency, Internship / Evaluation *(Minimum of 260 Hours)*

Field requirements are **Acompetency-based**. Regardless of the Aminimum hours assigned, each student must have documentation of the following competencies to fulfil the field requirements:

Psychomotor Skills

- < The student must demonstrate the ability to safely administer medications to fifteen (15) patients.
- < The student must demonstrate the ability to safely perform endotracheal intubation on five (5) patients
- < The student must demonstrate the ability to gain venous access on twenty-five (25) patients of various age groups
- < The student must demonstrate the ability to effectively ventilate five (5) unintubated patients of various age groups

Comprehensive Patient Assessments

Ages

- < The student must demonstrate the ability to perform a comprehensive assessment on thirty (30) pediatric patients (including newborn, infants, toddlers and school age)

- < The student must demonstrate the ability to perform a comprehensive assessment on fifty (50) adult patients
- < The student must demonstrate the ability to perform a comprehensive assessment on twenty (20) geriatric patients sixty-five (65) years of age or older.

### Pathologies

- < The student must demonstrate the ability to perform a comprehensive assessment of ten (10) obstetric patients
- < The student must demonstrate the ability to perform a comprehensive assessment on ten (10) psychiatric patients.

### Complaints

- < The student must demonstrate the ability to perform a comprehensive assessment, formulate, and implement a treatment plan on thirty (30) patients with chest pain.
- < The student must demonstrate the ability to perform a comprehensive assessment, formulate, and implement a treatment plan on twenty (20) adult patients with dyspnea / respiratory distress.
- < The student must demonstrate the ability to perform a comprehensive assessment, formulate, and implement a treatment plan on eight (8) pediatric patients with dyspnea / respiratory distress.
- < The student must demonstrate the ability to perform a comprehensive assessment, formulate, and implement a treatment plan on ten (10) patients with syncope related symptoms.
- < The student must demonstrate the ability to perform a comprehensive assessment, formulate, and implement a treatment plan on twenty (20) patients with abdominal complaints (abdominal pain, nausea/vomiting, GI bleeding, gynecological complaints, etc.).
- < The student must demonstrate the ability to perform a comprehensive assessment, formulate, and implement a treatment plan on twenty (20) patients with altered mental status.

### Team Leader Skills

- < The student must demonstrate the ability to serve as an active participant on fifty (50) pre-hospital emergencies, ten (10) of which the student must perform as the team leader.

□ Clinical Hours (Minimum of 244 Hours)

Each student must successfully complete the required minimum clinical hours as listed below:

Clinical Rotations	Minimum Hours
Anesthesia & OR	20
Critical Care <i>(To include Coronary Care Unit)</i>	24
Emergency Department	92
Trauma Center (Level I or II)	24
Triage	8
IV Team	0
Autopsy	4
OR	<i>(Combined with Anesthesia)</i>
Pediatric <i>(To include NICU, Pediatric ED)</i>	32
Psychiatric	8
Labor & Delivery -or- OB / Gyn.	8
Elective / Miscellaneous	0
Home Health	16
Dialysis Center	8
<b>Clinical Total</b>	<b>244</b>

Associate Degree Program

There is one technical college, Greenville Technical College, that operates an associate degree program through which EMTs at all levels are trained. Their curriculum meets all DOT / NHTSA EMT training objectives, and students must meet the institution's admission, progression, absentee and graduation criteria as is approved by DHEC in order to test the National Registry Examination for state certification. Call (864) 250-8490 for more information.

**REFRESHER PARAMEDIC COURSE OUTLINE**

The **paramedic refresher course** is taught from the current 1999 DOT / NHTSA paramedic curriculum. The course consists of a **minimum of 48 classroom** hours.

## ENTRANCE REQUIREMENTS

Entrance requirements for all candidates into the **initial** EMT-Paramedic training program are as follows:

- ⚡ Must be a current SC or NR EMT-Basic or Intermediate and maintain that certification throughout the entire EMT-Paramedic course and National Registry Examination process.
- ⚡ Must have aqualifying HOBET score of 42% or higher on the composite **AND** a 42% or higher on the reading comprehension.
- ⚡ Must be or become a member of a SC licensed EMS service & have sponsorship from the service director and the medical control physician associated with that licensed EMS agency **prior to state certification as a paramedic.**
- ⚡ Must have a current BLS/ACLS credentials **prior to state certification as an paramedic.**

Entrance requirements for all candidates into the **refresher** EMT-Paramedic training program are as follows:

- ⚡ Current South Carolina EMT-Paramedic - **OR** -
- ⚡ Previous South Carolina EMT-Paramedic - **OR** -
- ⚡ Letter of permission from SC DHEC Division of EMS.

All candidates successfully completing a South Carolina EMT-Paramedic **initial** course must successfully pass the National Registry EMT-Paramedic Practical & Written Examinations prior to receiving an initial South Carolina EMT-Paramedic state certification.